



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Zadesky et al.

Attorney Docket No.: APL1P284/P3111

Application No.: 10/643,256

Examiner: Unassigned

Filed: August 18, 2003

Group: 2673

Title: MOVABEL TOUCH PAD WITH ADDED  
FUNCTIONALITY

Confirmation No. 4668

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on January 13, 2005 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

Agnes Spence

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of the non-U.S. Patents are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. APL1P284).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP



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**Form 1449 (Modified)****Information Disclosure  
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No.

APL1P284

Applicant:

Zadesky et al.

Filing Date

08/18/03

Application No.:

10/643,256

Group

2673

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	A	2001/0011991	08/09/01	Wang et al.			
	B	2001/0043545	11/22/01	Aratani			
	C	2002/0030665	03/2002	Ano, Tadashi			
	D	2002/0033848	03/21/02	Sciammarella et al.			
	E	2002/0118169	08/2002	Hinckley et al.			
	F	2002/0154090	10/2002	Lin, Winky			
	G	2002/0158844	10/2002	McLoone et al.			
	H	2002/0164156	11/07/02	Bilbrey			
	I	2002/0180701	12/2002	Hayama et al.			
	J	2003/0076301	04/24/03	Tsuk et al			
	K	2003/0076303	04/24/03	Huppi			
	L	2003/0076306	04/2003	Zadesky et al.			
	M	2003/0095096	05/22/03	Robbin et al.			
	N	4,736,191	04/05/88	Matzke et al.			
	O	4,866,602	09/12/89	Hall			
	P	4,917,516	04/17/90	Retter			
	Q	4,976,435	12/1990	Shatford et al.			
	R	5,125,077	06/23/92	Hall			
	S	5,179,648	01/12/93	Hauck			
	T	5,192,082	03/1993	Inoue et al.			
	U	5,237,311	08/17/93	Mailey et al.			
	V	5,339,213	08/16/94	O'Callaghan			
	W	5,414,445	05/09/95	Kaneko et al.			
	X	5,438,331	08/01/95	Gilligan et al.			
	Y	5,473,343	12/05/95	Kimmich et al.			
	Z	5,473,344	12/05/95	Bacon et al.			
	A1	5,495,566	02/27/96	Kwatinetz			
	B1	5,559,943	09/24/96	Cyr et al.			
	C1	5,565,887	10/15/96	McCambridge et al.			
Examiner				Date Considered			

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. APL1P284	Application No.: 10/643,256
	Applicant: Zadesky et al. Filing Date 08/18/03	Group 2673

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	D1	5,578,817	11/26/96	Bidiville et al.			
	E1	5,585,823	12/17/96	Duchon et al.			
	F1	5,596,347	01/21/97	Robertson et al.			
	G1	5,598,183	01/28/97	Robertson et al.			
	H1	5,611,040	03/11/97	Brewer et al.			
	I1	5,611,060	03/11/97	Belfiore et al.			
	J1	5,661,632	08/1997	Register			
	K1	5,726,687	03/10/98	Belfiore et al.			
	L1	5,748,185	05/05/98	Stephan et al.			
	M1	5,751,274	05/12/98	Davis			
	N1	5,754,890	05/19/98	Holmdahl et al.			
	O1	5,786,818	07/28/98	Brewer et al.			
	P1	5,808,602	09/15/98	Sellers, Charles A.			
	Q1	5,825,353	10/1998	Will			
	R1	5,828,364	10/27/98	Siddiqui			
	S1	5,838,304	11/17/98	Hall			
	T1	5,856,822	01/05/99	Du et al.			
	U1	5,883,619	03/16/99	Hoe et al.			
	V1	5,889,236	03/30/99	Gillespie et al.			
	W1	5,907,152	05/25/99	Dändliker et al.			
	X1	5,907,318	05/25/99	Medina			
	Y1	5,914,706	06/22/99	Kono, Mitsura			
	Z1	5,956,019	09/21/99	Bang et al.			
	A2	5,964,661	10/1999	Dodge			
	B2	6,002,389	12/14/99	Kasser et al.			
	C2	6,005,299	12/1999	Hengst, Axel			
	D2	6,031,518	02/29/00	Adams et al.			
	E2	6,075,533	06/13/00	Chang			
Examiner				Date Considered			

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	APL1P284	10/643,256
	Applicant:	
	Zadesky et al.	
	Filing Date	Group
	08/18/03	2673

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	F2	6,084,574	07/04/00	Bidiville			
	G2	6,097,372	08/2000	Suzuki			
	H2	6,122,526	09/2000	Parulski et al.			
	I2	6,124,587	09/26/00	Bidiville et al.			
	J2	6,128,006	10/2000	Rosenberg et al.			
	K2	6,163,312	12/19/00	Furuya			
	L2	6,166,721	12/26/00	Kuroiwa et al.			
	M2	6,179,496	01/30/01	Cho, Chin-Wen			
	N2	6,181,322	01/30/01	Nanavati			
	O2	6,188,393	02/13/01	Shu			
	P2	6,191,774	02/20/01	Schena et al.			
	Q2	6,198,473	03/06/01	Armstrong			
	R2	6,211,861	04/03/01	Rosenberg et al.			
	S2	6,219,038	04/17/01	Cho			
	T2	6,225,976	05/01/01	Yates et al.			
	U2	6,225,980	05/01/01	Weiss et al.			
	V2	6,227,966	05/2001	Yokoi			
	W2	6,243,078	06/05/01	Rosenberg			
	X2	6,254,477	07/2001	Sasaki et al.			
	Y2	6,262,717	07/17/01	Donohue et al.			
	Z2	6,262,785	07/2001	Kim			
	A3	6,266,050	07/24/01	Oh et al.			
	B3	6,297,795	10/02/01	Kato et al.			
	C3	6,314,483	11/2001	Goto et al.			
	D3	6,323,845	11/27/01	Robbins			
	E3	6,340,800	01/22/02	Zhai et al.			
	F3	6,377,530	04/23/02	Burrows			
	G3	6,429,852	08/06/02	Adams et al.			
	H3	6,587,091	07/2003	Serpa, Michael L.			
Examiner				Date Considered			

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### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	I3	6,639,584	10/28/03	Li			
	J3	6,686,904	02/03/04	Sherman et al.			
	K3	6,724,817	04/20/04	Simpson et al.			
	L3	6,727,889	04/27/04	Shaw			
	M3	6,738,045	05/18/04	Hinckley et al.			
	N3	D264,969	06/1982	McGourty			
	O3	D349,280	08/02/94	Kaneko			
	P3	D362,431	09/19/95	Kaneko et al.			
	Q3	D382,550	08/19/97	Kaneko et al.			
	R3	D385,542	10/28/97	Kaneko et al.			
	S3	D402,281	12/08/98	Ledbetter et al.			
	T3	D412,940	08/1999	Kato et al.			
	U3	D430,169	08/2000	Scibora			
	V3	D437,860	02/2001	Suzuki et al.			
	W3	D442,592	05/22/01	Ledbetter et al.			
	X3	D443,616	06/12/01	Fisher et al.			
	Y3	D448,810	10/2001	Goto			
	Z3	D450,713	11/2001	Masamitsu et al.			
	A4	D452,250	12/2001	Chan			
	B4	D455,793	04/2002	Lin			
	C4	D468,365	01/2003	Bransky et al.			
	D4	D469,109	01/2003	Andre et al.			
	E4	D472,245	03/2003	Andre et al.			
	F4	D483,809	12/2003	Lim			
	G4	D489,731	05/2004	Huang			
Examiner				Date Considered			

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**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub- class	Translation	
							Yes	No
	H4	0 498 540 A2	01/1992	EPO				
	I4	0 880 091 A2	11/1998	EPO				
	J4	026 713 A1	08/2000	EPO				
	K4	11-194863	07/21/1999	Japan				
	L4	11-194872	07/21/1999	Japan				
	M4	11-194883	07/21/1999	Japan				
	N4	2000-215549	08/2000	Japan				
	O4	94/17494	08/1994	PCT				
	P4	98/14863	04/1998	PCT				
	Q4	99/49443	09/1999	PCT				

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	R4	"About Quicktip®" <a href="http://www.logicad3d.com/docs/qt.html">www.logicad3d.com/docs/qt.html</a> , downloaded April 8, 2002.
	S4	"Der Klangmeister," Connect Magazine, August 1998.
	T4	"Neuros MP3 Digital Audio Computer", <a href="http://www.neurosaudio.com">www.neurosaudio.com</a> ., downloaded April 9, 2003
	U4	"OEM Touchpad Modules" website <a href="http://www.glidepoint.com/sales/modules.index.shtml">www.glidepoint.com/sales/modules.index.shtml</a> , downloaded February 13, 2002.
	V4	"Product Overview - ErgoCommander®", <a href="http://www.logicad3d.com/products/ErgoCommander.htm">www.logicad3d.com/products/ErgoCommander.htm</a> , downloaded April 8, 2002.
	W4	"Product Overview - SpaceMouse® Classic", <a href="http://www.logicad3d.com/products/Classic.htm">www.logicad3d.com/products/Classic.htm</a> , downloaded April 8, 2002.
	X4	"Synaptics Touch Pad Interfacing Guide" Second Edition, March 25, 1998, Synaptics, Inc. San Jose, CA, pages 1 to 90
Examiner		Date Considered

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	08/18/03	2673

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	Y4	Bang & Olufsen Telecom a/s, "BeoCom 6000 User Guide 2000".
	Z4	BeoCom 6000, Sales Training Brochure, date unknown.
	A5	Chapweske, Adam, "PS/2 Mouse/Keyboard Protocol", 1999, <a href="http://panda.cs.ndsu.nodak.edu/~achapwes/PICmicro/PS2/ps2.htm">http://panda.cs.ndsu.nodak.edu/~achapwes/PICmicro/PS2/ps2.htm</a>
	B5	Fiore, Andrew, "Zen Touchpad", Cornell University, May 2000
	C5	Gadgetboy, "Point and click with the latest mice", CNETAsia Product Review, <a href="http://www.asia.cnet.com/reviews...are/gadgetboy/0,39001770,38023590,00.htm">www.asia.cnet.com/reviews...are/gadgetboy/0,39001770,38023590,00.htm</a> , downloaded December 5, 2001.
	D5	Kevin De Meyer, Crystal Optical Mouse, 02/14/02, Heatseekerz, Web Article 19
	E5	Letter re: Bang & Olufsen A/S, by David Safran, Nixon Peabody, LLP, May 21, 2004.
	F5	Photographs of Innovations 2000 Best of Show award presented at the 2000 International CES Innovations 2000 Design & Engineering Showcase, 1 pg.
	G5	Sylvania, "Intellivision™ Intelligent Television MASTER COMPONENT SERVICE MANUAL," pp. 1, 2 and 8, 1979.
	H5	Tessler et al. "Touchpads Three new input devices", website <a href="http://www.macworld.com/1996/02/review/1806.html">www.macworld.com/1996/02/review/1806.html</a> , download February 13, 2002.
Examiner		Date Considered

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	08/18/03	2673

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	I5	Andre et al., entitled "MEDIA DEVICE," U.S. Design Patent Application No. 29/180,558, filed April 25, 2003 (APL1D274).
	J5	Marriott et al., entitled "TOUCH PAD FOR HAND HELD DEVICE", U.S. Patent Application No. 10/722,948, filed November 25, 2003 (APL1P267).
	K5	Andre et al., "Media Device", U.S. Design Patent Application No. 29/212,343, filed August 31, 2004 (APL1D294C1).
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